

#	TIME	DEPTH m	ROP m/hr	TORQUE		RPM AVG	WOB AVG	PUMP PRES	RTRNS			FLOW/MIN		TEMP (C)		PVT	—THIS BIT—			—COST—		EST TW	DKC	NK	NKB	ECD	EST FM PR	
				AVG	MAX				DEPTH	IN	OUT	IN	OUT	IN	OUT		REVS	m	hrs	INST	RUN							
77	1311	1259.8	18.4	1.84	1.84	99	22.4	2220	1251.6	8.86	9.23	764	0	26.8	37.1	518	102500	842	18.0	283	116	6.49	1.21	1.00	1.23	8.61	8.70	D
78	1312	1260.0	11.7	1.86	1.86	98	23.4	2240	1252.2	8.86	9.23	765	0	26.8	37.1	518	102722	842	18.0	457	116	6.50	1.35	1.13	1.23	8.61	8.70	D
79	1314	1260.3	10.1	1.85	1.85	99	23.0	2260	1252.7	8.88	9.17	766	0	28.6	37.1	519	102898	842	18.1	468	116	6.51	1.38	1.17	1.23	8.60	8.70	D
80	1315	1260.7	17.0	1.95	1.95	100	21.2	2250	1252.9	8.88	9.17	765	0	28.6	37.1	518	103005	842	18.1	325	116	6.52	1.22	1.01	1.23	8.60	8.70	D
81	1317	1261.0	11.2	1.78	1.78	99	22.5	2230	1253.3	8.87	9.17	765	0	29.2	36.9	511	103164	843	18.1	605	117	6.53	1.35	1.13	1.23	8.61	8.70	D
82	1318	1261.3	15.8	1.87	1.87	99	23.6	2250	1253.7	8.87	9.17	765	0	29.2	36.9	503	103283	843	18.1	339	117	6.54	1.27	1.05	1.23	8.61	8.70	D
83	1319	1261.6	12.5	1.87	1.87	99	22.6	2260	1254.0	8.92	9.17	765	0	29.5	36.8	505	103407	843	18.1	369	117	6.54	1.31	1.10	1.23	8.64	8.70	D
84	1320	1261.9	17.5	1.93	1.93	98	22.7	2260	1254.3	8.92	9.17	765	0	29.5	36.8	504	103509	844	18.2	356	117	6.55	1.22	1.01	1.23	8.64	8.70	D
85	1323	1262.2	7.75	1.90	1.90	98	24.1	2270	1255.3	8.96	9.16	765	0	30.0	36.9	505	103738	844	18.2	358	117	6.56	1.46	1.24	1.23	8.67	8.70	D
86	1324	1262.5	11.2	1.92	1.92	99	24.2	2280	1256.0	8.98	9.14	765	0	30.1	37.0	505	103898	844	18.2	419	117	6.57	1.36	1.14	1.23	8.70	8.70	D
87	1326	1262.8	12.5	1.73	1.73	99	23.9	2280	1256.8	8.98	9.14	765	0	30.1	37.0	506	104046	845	18.3	480	117	6.58	1.33	1.11	1.23	8.70	8.70	D
88	1334	1263.1	23.4	1.41	1.41	99	14.0	2310	1259.0	8.94	9.14	763	0	30.4	36.8	526	104114	845	18.3	237	117	6.58	1.01	.82	1.23	8.75	8.70	D
89	1334	1263.5	27.3	1.90	1.90	98	19.4	2310	1259.4	8.94	9.14	769	0	30.4	36.8	522	104196	845	18.3	246	117	6.59	1.05	.84	1.23	8.75	8.70	D
90	1337	1264.0	10.5	1.97	1.97	101	24.4	2300	1260.0	8.97	9.13	770	0	30.5	36.3	516	104469	846	18.3	316	117	6.61	1.37	1.15	1.23	8.78	8.70	D
91	1338	1264.3	17.3	2.01	2.01	101	24.0	2300	1260.2	8.95	9.13	769	0	30.6	36.4	509	104578	846	18.3	288	117	6.61	1.23	1.01	1.23	8.82	8.70	D
92	1340	1264.6	14.2	1.95	1.95	99	23.5	2290	1260.2	8.95	9.13	771	0	30.6	36.4	509	104702	846	18.4	459	118	6.62	1.27	1.05	1.23	8.82	8.70	D
93	1341	1265.0	16.2	2.04	2.04	100	23.6	2310	1260.2	8.95	9.13	770	0	30.6	36.4	508	104828	847	18.4	306	118	6.63	1.24	1.02	1.23	8.82	8.70	D
94	1342	1265.2	19.3	2.06	2.06	100	22.9	2300	1260.4	8.91	9.12	770	0	30.8	36.7	508	104906	847	18.4	256	118	6.63	1.17	.96	1.23	8.85	8.70	D
95	1343	1265.5	13.3	1.91	1.91	100	22.5	2310	1260.8	8.91	9.12	769	0	30.8	36.7	507	105003	847	18.4	270	118	6.64	1.27	1.05	1.23	8.85	8.70	D
96	1344	1265.8	18.8	1.90	1.90	99	22.6	2300	1261.1	8.91	9.12	770	0	30.8	36.7	507	105101	848	18.4	321	118	6.65	1.18	.96	1.23	8.85	8.70	D
97	1345	1266.1	10.5	1.89	1.89	100	22.0	2310	1261.9	8.91	9.10	770	0	30.8	36.8	507	105254	848	18.5	409	118	6.65	1.32	1.11	1.23	8.88	8.70	D
98	1346	1266.5	20.2	1.76	1.76	101	20.5	2300	1262.3	8.91	9.10	770	0	30.8	36.8	509	105347	848	18.5	309	118	6.66	1.13	.92	1.23	8.88	8.70	D
99	1348	1266.7	9.90	1.89	1.94	100	21.5	2310	1263.1	8.94	9.08	769	0	30.9	36.9	510	105521	849	18.5	489	118	6.67	1.32	1.11	1.23	8.91	8.70	D
100	1349	1267.1	17.4	2.02	2.02	100	21.1	2300	1263.5	8.94	9.08	769	0	30.9	36.9	511	105626	849	18.5	288	118	6.67	1.17	.96	1.23	8.91	8.70	D
101	1350	1267.4	14.9	1.93	1.93	100	21.9	2300	1264.0	8.95	9.05	770	0	30.9	37.0	512	105747	849	18.5	387	118	6.68	1.22	1.01	1.23	8.93	8.70	D
102	1351	1267.7	11.2	1.81	1.81	99	22.0	2310	1264.6	8.95	9.05	771	0	30.9	37.0	512	105889	849	18.6	453	118	6.69	1.29	1.08	1.23	8.93	8.70	D
103	1353	1268.0	14.9	1.86	1.86	100	21.5	2300	1265.1	9.04	9.05	770	0	29.9	36.8	511	106006	850	18.6	414	118	6.70	1.21	1.00	1.23	8.96	8.70	D
104	1353	1268.3	22.4	1.84	1.84	101	21.3	2310	1265.4	9.04	9.05	769	0	29.9	36.8	511	106092	850	18.6	306	118	6.70	1.11	.90	1.23	8.96	8.70	D
105	1354	1268.6	15.8	1.75	1.75	101	21.3	2320	1265.8	9.04	9.05	769	0	29.9	36.8	515	106201	850	18.6	293	118	6.71	1.19	.98	1.23	8.96	8.70	D
106	1356	1268.9	11.1	1.90	1.90	100	22.0	2310	1266.2	8.99	9.06	769	0	30.7	36.7	514	106342	851	18.6	502	119	6.72	1.29	1.08	1.23	8.98	8.70	D
107	1356	1269.2	37.2	1.80	1.80	101	21.6	2310	1266.2	8.99	9.06	769	0	30.7	36.7	512	106377	851	18.6	237	119	6.72	.98	.77	1.23	8.98	8.70	D
108	1357	1269.5	17.6	1.90	2.03	100	20.1	2300	1266.5	8.99	9.06	769	0	30.7	36.7	514	106479	851	18.7	270	119	6.72	1.14	.94	1.23	8.99	8.70	D
109	1358	1269.8	29.3	1.95	1.95	99	21.5	2320	1266.6	8.99	9.06	768	0	30.7	36.7	514	106543	852	18.7	196	119	6.73	1.03	.82	1.23	8.99	8.70	D
110	1358	1270.1	46.9	1.78	1.78	100	18.6	2320	1266.7	8.99	9.06	769	0	30.7	36.7	514	106576	852	18.7	111	119	6.73	.88	.68	1.23	8.99	8.70	D
111	1359	1270.5	21.3	1.81	1.81	98	21.3	2300	1266.9	8.98	9.04	770	0	30.9	36.6	515	106682	852	18.7	288	119	6.74	1.11	.90	1.23	9.02	8.70	D
112	1401	1270.7	9.26	1.84	1.84	100	23.9	2310	1267.2	8.98	9.04	769	0	30.9	36.6	514	106821	853	18.7	454	119	6.74	1.36	1.14	1.23	9.02	8.70	D
113	1403	1271.0	10.0	1.99	1.99	100	23.8	2300	1267.5	8.97	9.06	769	0	31.0	36.8	518	107002	853	18.7	461	119	6.75	1.33	1.12	1.23	9.03	8.70	D
114	1403	1271.3	28.8	2.18	2.18	99	22.2	2300	1267.7	8.97	9.06	769	0	31.0	36.8	517	107060	853	18.8	361	119	6.76	1.04	.83	1.23	9.03	8.70	D
115	1404	1271.6	13.4	2.00	2.00	101	22.8	2300	1268.1	8.97	9.06	769	0	31.0	36.8	517	107192	853	18.8	518	119	6.77	1.25	1.03	1.23	9.03	8.70	D
116	1406	1272.0	12.1	2.00	2.00	99	25.2	2310	1268.4	8.95	9.06	770	0	31.1	37.0	519	107322	854	18.8	391	119	6.77	1.30	1.08	1.23	9.03	8.70	D
117	1414	1272.2	16.7	1.22	1.22	99	24.8	2310	1269.3	8.96	9.06	748	0	31.1	37.2	538	107401	854	18.8	306	119	6.78	1.22	1.00	1.23	9.02	8.70	DX
118	1415	1272.8	14.6	1.84	1.84	102	20.2	2300	1269.4	8.97	9.07	772	0	31.1	36.8	533	107533	855	18.8	274	119	6.78	1.19	.98	1.23	9.02	8.70	D
119	1416	1273.2	12.6	1.66	1.66	102	17.1	2310	1269.4	8.96	9.07	773	0	31.2	36.7	528	107689	855	18.9	501	119	6.79	1.18	.98	1.23	9.02	8.70	D
120	1417	1273.5	23.9	1.76	1.76	101	19.4	2300	1269.5	8.96	9.07	773	0	31.2	36.7	527	107770	855	18.9	210	119	6.80	1.06	.85	1.23	9.03	8.70	D
121	1420	1273.8	6.55	1.66	1.66	102	18.7	2300	1269.8	8.94	9.08	774	0	31.2	36.8	526	108013	856	18.9	2000	120	6.81	1.36	1.16	1.23	9.03	8.70	D
122	1421	1274.1	12.5	1.60	1.60	101	19.3	2300	1270.1	8.94	9.08	774	0	31.2	36.8	524	108160	856	18.9	391	120	6.82	1.21	1.01	1.23	9.02	8.70	D
123	1423	1274.4	11.0	1.71	1																							